

Phonocardiography, Sphygmography and
Oscillography, by J. L. Schelling.
REMIC, ser. Praxis, Vol 1, 1961, pp 306-307.
NASA TT F-9583

J. L. Schelling

U. S. GOVERNMENT USE ONLY

Sci-Elect

Mar 66

296,2006

Bio Lab. T-595-1

R-9064-D
12 Jan 68

Über eine beim pferde durch Hefezellen verursachte
geschwulst ire der nasenhohle und deren nebenhohlen

By: Schellner

From: Zeil. far ueterenarhunde 111-16, 1935 (6 pp)

German - est for wds:

Please translate and type 1 camera ready copy. Document
can be cut. Please make cover as sample attached,
T-595-1.

PC

Hemagglutination (H. A.) and the Inhibition of HA in
Cases of Atypic Fowl Pest, by Dr H. Schellner,
Dr W. Rauscher, UNCLASSIFIED

(APP. 10 8 11 2 4)

GERMAN, per, Tierärztliche Umschau, No 7/8, Apr 1951, pp
123 & 124.

*ID GSUSA F-5923

Sci - Medicine

A4738

May-1956 CTS
James

CP

Swine Erysipelas Adsorbate Vaccine in Practice, by Drs
H. Schellner, W. Rauscher, 7pp. ID 745147

No 17-18,

GERMAN, per, Tierarztliche Umschau, Sep 1950.

*ID GSUSA F-4240 A

A-9139

Nov cts 1950
Dec

(NY-6971)
A Method of Combined Treatment of Malignant
Melanoma, by T. G. Larioschenko, T. D.
Schelokova, 7 pp.

RUSSIAN, per, Medit Radiolog, Vol VI, No 11,
1961, pp 6-10.

JPRS 13400

Sci
May 62

197,394

Generation and Distribution of Electricity in the
United Arabie Republic-Egyptian Area, by I.
Schelter, 12 pp.

GERMAN, per, Energietechnik, Vol IX, No 5, Berlin,
1959, pp 204-215. Call No TK3, E56.

AMS

NE/A - United Arabie Republic (Egyptian Area)
Econ
Nov 59

100,801

A Calibration Look of High Precision for Magnetic
Flowmeters, by B. Schelten-Petersen, W. Schulze.
UNKNOWN, rpt, 1964.

AEC-Dounreay Tr No 141
Available on loan only

Sci
~~XEM~~ Jan 65

10

Rest German Line Services in the Port of Hamburg,
by Manfred Schmalz, 8 pp.
GERICKE, op. Die Wirtschaft, 13 Jun 1964,
p 21.
JPRS 24450

EE-Germany
Econ
Sep 64

264,850

Good Fishing With New Ships, by Manfred Schelzel,
47 pp.

GERMAN, rpt, Transpress VEB Verlag Fur
Verkehrswesen Pub. House, Berlin, 1960.

Navy Tr 3154/OWI 902

Sci - Geophys

199,422

Jun 66 62

Schelzel, Manfred.
GREAT PROSPECTS OF MARITIME SHIPPING IN THE
GERMAN DEMOCRATIC REPUBLIC (Grosße Perspek-
tive der Seeschifffahrt in der Deutschen Demokratischen
Republik) tr. by James Walker. [1962] [9]p.
Order from OTS or SLA \$1.10 62-25706

Trans. of Schiffbautechnik (Germany) 1959 [v. 9] no. 7,
p. 337-340.

DESCRIPTORS: *Transportation, Commerce,
*East Germany, Merchant vessels.

(Machinery--Transport, TT, v. 9, no. 3)

62-25706

I. Schelzel, M.

C227581

10-29-62

Office of Technical Services

(NY-6450)

Transit Traffic Through Polish Harbors, by
M. Schelzel, 6 pp.

GERMAN, per, Der Aussenhandel, No 1, 10 Jan 1962,
pp 21, 22.

JPRS 13679

EEur - Sov Bloc
Econ
May 62

193, 497

The GDR Merchant Fleet Goes Everywhere, by M. Schelzel, 9 pp.

GERMAN, per, Der Aussenhandel und der Innerdeutsche Handel, Vol X, No 8, 20 Apr 1960, pp 31-34.

JPRS 2965

EEur - Econ

Oct 60

(NY-4144).

SETEE

The GDR Merchant Fleet Goes Everywhere, by M.
Schelzky, 9 pp.

GERMAN, per, Der Aussenhandel und Der Innerdeutsche
Handel, Vol X, No 3, 20 Apr 1960, pp 31-34.

JPRS 2965

EEur - Germany
Econ - Maritime Transportation
Jul 60

119,702

SETEE

(NY-3673)

Standardization - The Main Point of Emphasis of
Reconstruction, by Manfred Schelzel, 9 pp.

GERMAN, per, Schiffbautechnik, Vol IX, No 11,
1959, Berlin, pp 573-575.

6

JPRS 2886

EEur - Germany

Econ - Manufacturing

Aug 60

121,814

Research of Today - Prediction of Tomorrow, by
Dr. Manfred Schmalz, 9 pp. UNCLASSIFIED

GRASER, pos, Schiffbautechnik, Dec 1959, pp 613-
614.

Navy 2472/ SI 706

Sci - Eng
Apr 60

113,826

SETEE

(NY-2978).

Long Range Plans for Shipping, by Manfred Schelzel,
10 pp.

GERMAN, per, Schiffbautechnik, Vol IX, No 7,
Berlin, 1959, pp 338-340.

JPRS-1931-N

EEur - East Germany

Econ

Oct 59

98,769

(2080-H)

Shipbuilding in East Germany, by Manfred Scholzel,
9 pp.

GERMAN, per, Schiffbautechnik, Vol VIII, No 9,
Berlin, 1958, pp 453-456.

JPRS 1055-H

EUR 9400 East Germany
Econ
Mar 59

83,614

X-Ray Photoeffect in Dielectric Cathodes, by
V. N. Schemelev, M. A. Ruzh, 3 pp.

RUSSIAN, per, Fizika Tverdoto Tela, Vol V, No 1,
1963, pp 66-70.

Amer Inst of Phys
Sov Phys - Solid State
Vol V, No 1

Sci -
Oct 63

344,761
204,761

Present State of Development of Waste-Heat
Boilers and High Temperature Cooling Installations
on Open-Hearth Furnaces, by W. Schumann. UNCL.

GERMAN, per, Stahl u Eisen, No 2, 1957,
pp 78-84.

British Iron and Steel Ind
(no number given)

Sci -mkgz
Sep 59

98, 379

Fundamental Considerations About the Production of
High-Quality Killed Steel, by Schenck.

GERMAN, per, Stahl und Eisen, Vol LXXVII, No 21,
1957, pp 1442-1450.

Re Brucher Tr 4079

Sci - Min/met
Apr 58

60, 787

atin of Feathers, by E. G. Schenck, 5 pp.
CLASSIFIED

MAN, per, Zeitschrift fuer Physiologische
Chemie, Vol CCXI, 1932, pp 160-163.

QMF 453

6494

Scientific - Chemistry

Oct 53 CTS

Investigations Regarding the Effect of Morbid Processes in the Organism Upon the Structure of the Proteins, Tumor and Cachexia, Irradiation With X-rays, by E. S. Schenck, 10 pp.

GERMAN, per, Arch Exptl Pathol u Pharmakol, Vol CLXXV, 1934, pp 401-405.

SLA Tr 57-289

Sci - Med
Jul 57

49,970

Contribution to the Comparative Physiology
of Digestion. I The Digestion of the Larvae
of *Tenebrio Molitor*, by F. Schenck.

GERMAN, *per*, Zool Zentr, Vol VI, 1899, p 65-67.

SLA INSDOC T1724

Sci

Jul 56

68,619

Schenck, G. and Brieskorn, C. H.
STUDIES ABOUT THE CONTENTS OF MELISSA
(Untersuchungen über die Inhaltsstoffe der Melisse).
[1963] [14p] 22refs 63-20264
Order from SLA \$1.60

Trans. of Arch[iv der] Pharm[azie] (Germany) 1944,
v. 282, p. 1-9.

DESCRIPTORS: Chemical analysis, Plants (Botany)
*Tannic acids, *Succinic acids, Biological assay,
Drugs.

It was confirmed that melissa contains etheric oil,
tannin and bitter-principle. Glycosides and saponin
could not be found. From the bitter tasting extracts a
crystalline bitter principle was isolated for the first
time. Also, succinic acid was isolated for the first
time. From the petroleumether a wax, and from the
ether extract a white substance which needs further
(Biological Sciences--Pharmacology, TT, v. 10, no. 11)
(over)

63-20264

I. Title: Melissa
I. Schenck, G.
II. Brieskorn, C. H.

Office of Technical Services

Metal Spraying and Its Use for the Production of
Wear Resistant Coatings, by G. ~~SEITZ~~, 10 p.

Senk,

GERMAN, per, Maschinenschaden, 1939, Vol XVI, No 5,
pp 69-75.

BIA 59-20900

Sci
Mar 60
Vol 3, No 1

110,930

Light Sensitive Layer with a Halogenated Hydro-
carbon, by G. Schonck, H. Kuckmann.
GERMAN, Patent No 1,236,530.
NTC 69-11364-14E

109

G. SCHENCK

Sci-Meth & Equip
July 69

387,171

Reaction of Photochemically Excited Molecules
With O₂, by G. O. Schenk, 4 pp.

GERMAN, per, Naturwissenschaften, Vol XLI,
1954, pp 452, 458.

NOT RELEASABLE TO FOREIGN NATIONALS

CIA/FDD XX-311

49,160

Sci - Chem

Jun 57

IAC INTERNAL USE ONLY

Selectivity and Typical Reaction Mechanisms in
Radiation Chemistry, by G. O. Schenk, 72 pp.

GERMAN, per, Z fuer Elektrochemie, Vol LXIV,
1960, pp 997-1011.

AKRE, Harwell
HP Tr-683

Sci - Nuc Phys
Sep 61

166,195

Photosensitized Autoxidation of Steroids^{1a}, by G. O.
Schenck, O. -A. Neumueller, 12 pp. NOFORN

GERMAN, per, Annalen, Vol DCKVIII, 1958, pp 194-201.

CIA/FDD-XX 702
Not Releasable to Foreign Nationals

Sci

Nov 59

USIB Interad
Use Only

101,283

The Scope and Possibilities of Preparative
Radiation Chemistry, by G. O. Schenck, 75 pp.

GRHAM, per, Angew Chem, Vol LXIX, 1957, pp
579-599.

ABRE TR: 11/3/5/1037

Sci - Chem

May 59

86, 164

Photochemistry of Quinones, by G. O. Schenck,
K. Koltzenburg, 3 pp.

GERMAN, per, Naturwissenschaften, Vol XLI,
1954, p 452.

NOT RELEASABLE TO FOREIGN NATIONALS

CIA/PDD XX-310

Sci - Chem

Jun 57

IAC INTERNAL USE ONLY

49,159

Photosensitized Synthesis of Tertiary Allyl Hydroperoxides From Symmetrical Tetrasubstituted Ethylenes,
by G. O. Schenck, K. H. Schulte-Elte, 12 pp.

GERMAN, per, Justus Liebigs Chem Ann, Vol DCXVIII,
1958, pp 185-193.

CIA/FDD YK-625
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Chem
Aug 59

USIB INTERNAL USE ONLY

93, 217

Carcinogenic Hydrocarbons as Photosensitizers
(Photooxide Effects), by G. O. Schenck, Göttingen,
6 pp.

GERMAN, per, Naturwissenschaften, Vol XLIII,
1956, pp 71, 72.

NOT RELEASABLE TO FOREIGN NATIONALS
CIA/PID XX-312

Sci - Chem
Jun 57
IAC INTERNAL USE ONLY

49,162

1,4-Diphenyl-1,3-cyclopentadiene as
Sensitizer and Acceptor in Photochemical
Diene Synthesis With O_2 by G. O. Schenck,
W. Muller, H. Pfennig, 2 pp.
GERMAN, per, Naturwissenschaften, Vol XLII,
1954, pp 374.

NOT RELEASABLE TO FOREIGN NATIONALS

CIA/IDD XX-307

Sci - Chem

Jun 57

IAC INTERNAL USE ONLY

49,156

Primary Photochemical Reaction and the Following
First Dark Reaction of Photosynthesis, by
G. O. Schenck, Göttingen, 39 pp.

GERMAN, per, Naturwissenschaften, Vol XI,
1953, pp 205-212, 229-238.

NOT RELEASABLE TO FOREIGN NATIONALS

CIA/FDD XX-306

Sci - Chem

Jun 57

IAC INTERNAL USE ONLY

49,155

Photooxidation of Thiourea to Aminoiminomethane-
sulfonic Acid, by G. O. Schenck, H. Wirth, 2 pp.

GERMAN, per, Naturwissenschaften, Vol XL, 1953,
p 141.

NOT RELEASABLE TO FOREIGN NATIONALS

CIA/FDD XI-305

Sci - Chem

Jun 57

IAC INTERNAL USE ONLY

49,153

The Bleaching of Fluorescent Dyestuffs in Light,
G. O. Schenck, K. G. Kinkel, 3 pp.

GERMAN, per, Naturwissenschaften, Vol XXXVIII,
1951, pp 503-.

CIA/FDD XX-360
NOT RELEASABLE TO FOREIGN NATIONALS
*

Sci - Chem; Physics
Dec 57
IAC INTERNAL USE ONLY

56,145

Photosensitized Autoxidation of Steroids¹, by G. O. Schenck, O. -A. Neumüller, W. Eisfeld, 12 pp. ~~NOFORN~~

GERMAN, per, Annalen, Vol DCXVIII, 1958, pp 202-210.

CIA/FDD-XX-703
NOFORN

Sci

Nov 59

USIB Internal Use Only

101,098

Carbon Radical Location of Phototropic Isomeric
Diradicals of Chlorophyll, Eosin, and Rubrene by
Means of Quinone, by G. O. Schenck, K. H. Ritter,
3 pp.

GERMAN, per, Naturwissenschaften, Vol XLII,
1954, pp 374-375.

NOT RELEASABLE TO FOREIGN NATIONALS

CIA/FDD XI-308

49,158

Sci - Chem
Jun 57
IAC INTERNAL USE ONLY

Problems in Photochemical Synthesis, by
G. O. Schenck, 29 pp.

GERMAN, per, Angew Chem, Vol LXIV, 1952,
pp 12-23.

NOT RELEASABLE TO FOREIGN NATIONALS

CIA/FDD XX-299

Sci - Chemistry
Jun 57

49,148

IAC INTERNAL USE ONLY

Rate and Temperature Dependence of Photo-
sensitized Reactions With O₂, by G. O. Schenck,
D. G. Kinkel, E. Koch, 2 pp.

GERMAN, per, Naturwissenschaften, Vol KLI,
1954, pp 425, 426.

NOT RELEASABLE TO FOREIGN NATIONALS
CIA/FID XX-309

Sci - Chem
Jun 57
IAC INTERNAL USE ONLY

49,157

Photochemistry, by G. O. Schenck.

GERMAN, per, Dechema Monographien, Vol XXIV, 1955,
pp 105-145.

CSIRO

Sci - Phys

Jun 61

157,819

PHOTO-REACTIONS AND APPARATUS USED IN
PREPARATIVE

Kinetics of the Reactions With Molecular Oxygen
Photosensitized by Fluorescent Pigments, by Günther
O. Schenck, Klaus Kinkel, 4 pp.

GERMAN, per, Naturwissenschaften, Vol XXXVIII, 1951,
pp 355, 356.

CIA/FDD XX-361
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics; Chem
Dec 57
EAC INTERNAL USE ONLY

56,146

60-16302

Schenck, G. O.
PHOTO-REACTIONS AND APPARATUS USED IN
PREPARATIVE PHOTOCHEMISTRY. [1960] 44p.
53 refs.
Order from SLA ml\$3.30, pb\$7.80 60-16302

Trans. of Dechema [Monographien] (West Germany)
1955, v. 24, no. 286, p. 105-145.

Descriptions are given of incandescent lamps, vapor
lamps, and high pressure lamps used as light sources
for photochemical reactions. The arrangement of pre-
parative photochemical apparatus and the conditions
under which they operate are stated. A discussion of
quanta flux density, and the fundamental concepts and
classification of photochemical reactions are included.
Several photochemical reactions are carried out.

(Chemistry--Physical, TT, v. 5, no. 10)

1. Photochemical reactions--
 Analysis
2. Photochemistry--
 Instrumentation
 - I. Schenck, G. O.
 - II. Trans-T-3162

Office of Technical Services

Endoperoxides of the Norcaradiene Series, by
G. O. Schenck, H. Ziegler, 3 pp.

GERMAN, par, Naturwissenschaften, Vol XXXVIII, 1951,
Mar 51 pp 356.

CIA/FDD XX-359

NOT RELEASABLE TO FOREIGN NATIONALS

56,144

Sci - Chem

Dec 57

IAC INTERNAL USE ONLY --

Paramagnetic Resonance of ~~ESRS~~ Photo-Adduct
Biradicals During the Photochemical Energy
Transfer of Excited Rose Bengal From
Unsaturated Compounds, by G. O. Schenck,
R. Wolgast, 7 pp.

GERMAN, per, Naturwissenschaften, Vol. XLVIII,
No 24, 1961, pp 737, 738. 9200976

AEC-tr-5389

Sci - Phys
Jan 63

220,849

Theory of Photosensitized Reaction With Molecular
Oxygen (2), by G. O. Scherck, 4 pp.

GERMAN, per, Naturwissenschaften, Vol XXXV,
no. 28, 1948, pp 2-3.

CIA/PDD IX-358
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Chem

Dec 57

~~SECRET~~ INTERNAL USE ONLY

56,143

IAC

R-228/63

The Present and Future Development of Coal Processing
in the Soviet Union, by Georg Schenk. NY-7726 *608*

For Official Use Only
GERMAN, per, Glueckauf, Vol ~~EV~~ XCIX, No 12, 1963,
pp 648-7649.

JPRS/Special

USSR
~~EE~~ Econ
Jun 63

235,572

Photochemical Reactions II. The Unsensitized and
Photosensitized Autoxidation of Furans, by Guenther O.
Schenck, 49 pp.

GERMAN, per, Justus Liebigs Annal der Chemie,
Vol DLXXXIV, No 2-3, 1953, pp 156-176.

SLA 59-15908

Sci
Dec 59
Vol 2, No 5

103,777

The Thermodynamics of Fe-C-Cu, Fe-C-Sn, Fe-C-Sb
Systems, by H. Schenck.
GERMAN, per, Arch Eisenhüttenw., Vol 32, 1961, pp 123-127.
*NTIS/NBS TT 71-53102
Available NBS Only

H. Schenck

June 71

Influence of Residual Elements on the Solubility
and Activity of Carbon and the Degree of Saturation
in Cast Iron, by F. Neumann, H. Sk Schenck,
W. Patterson.

GERMAN, per, die Giesserei, Vol XLVII, 28 Jan 1960,
pp 25-32.

BCIRA 1000

Sci

Aug 61

163,164

Atomisation Processes in Paint Spraying,
by H. Schene.

GERMAN, per, Industrie-Lackier-Betrieb,
Vol XXVIII, 1960, Jul 207/16-Aug 243/K49.

TTIS-2208

Sci
May 62

196,860

Vol 4, No 10

Codeless Scanning: A New Documentation
Method, by H. Schenk.

GERMAN, rpt, Inforantion, Fachzeitschrift fur
Schreibwaren, Burobedarf und BuroKmaschinen,
Zollikon-Zurich, 1961.

CSIRO 5637

Sci
Dec 62

SCHENCK, H.
RIESS, W.

Archiv Eisenhüttenwesen, vol. 9, pp. 589-600,
3 figs., 2 tables; 1936.

Studies on the Chemistry of the Basic Open
Hearth Process.

Brutcher Trans., Order N.o. 396, \$1.90

A 9872

Solubility of Hydrogen in Some Metals and Alloys,
by L. Lackemeyer-Hasse and H. Schenck,
UNCLASSIFIED

GERMAN, Archiv Eisenhütten-Wesen, Vol 6, 1932-
1933, No 5, pp ~~209~~ 209-214.

Butcher Order No 107

Scientific - Metallurgy, iron, chromium, nickel,
manganese, alloys

A-10468

Schenck, H. and Riesz, Walter.
AN INVESTIGATION OF THE CHEMISTRY OF THE
BASIC STEELMAKING PROCESS. Communication
no. 309 of the Steelworks Section of the [Verein
Deutscher Eisenhüttenleute]. [1961] 26p. 15 refs.
Order from SLA \$2.60 61-18878

Trans. of Archiv für das Eisenhüttenwesen (Germany)
1936, v. 9, no. 12, p. 589-600.

DESCRIPTORS: Steel, Processing, Physical chemistry,
Chemistry.

(Unannounced)

61-18878

I. Schenck, H.
II. Riesz, W.
III. Title: Verein ...

Office of Technical Services

Effect of Cyclic Stressing Upon Diffusion in Plain
Carbon Steels, by H. Schenck, E. Schmidtman,

GERMAN, per, Archiv Eisenhütten, Vol XXV, No 11/12,
1954, pp 579-583.

Brutcher Tr 3500
\$4.85

25,976

Scientific - Min/Metals

Aug 55 CTS

Aging Processes in Plain Carbon Steels and
the Effect of Cyclic Stressing on Them,
by H. Schenck, E. Schmidtman.

GERMAN, per, Archiv Eisenhüttenwesen, Vol
XXV, No 11/12, 1954, pp 583-588.

Brucher Tran ~~3501~~ 3579
\$6.60

Sci - Minerals/Metals

29,813

New Process for Sampling Killed and Rimming Steel
for Determination of Oxygen and Hydrogen, by Schenck
et al.

GERMAN, per, Arch Eisenhuttenwese, Vol XXVIII,
Mar 1957, pp 123-125.

British Document
Copy to Gen Tr 630
(51.5.0)

Sci - Min/met
Jan 58

57,703
SLA 61-16318

Investigations Into the Isolation of Grain
Boundary Materials and Inclusions in Steels by the
Thin Section Process, by H. Schenk, et al. UNCL

GERMAN, per, Arch Eisenhuettenwesen, Aug 1958,
pp 479-484.

British Iron and
Steel Ind 1079

Sci - Min/Ket
Feb 59

80,006

Contribution to the Reduction Behaviour of
Several Oxides and Oxide Compounds at the
Fractionated Hot Vacuum Extraction in a Carbon
Crucible, by H. Schenck, K. D. Unger. UNCL

GERMAN, per, Arch Eisenhuettenwesen, Sep 1959,
pp 549-552.

BISI 1523

(L3)

109,411

Sci - Chem
Mar 60

Equilibria of Carbon and Oxygen in Liquid
Iron and the Effect of Low Silicon Contents
Upon the Equilibria, by H. Schenk, K. H.
Gordem. VECL

GERMAN, per, Arch Eisenhuettenwesen, Aug 1959,
pp 451-460.

BISI 1461
(15.158.01.)

110,273

Sci - Min/Met
Mar 60

The Distribution of Copper and Tin Between
Molten Iron and Lead and the Effect of Other
Elements on It, by H. Schmalz, W. Fricke. UNCL

GERMAN, par, Arch Eisenhütte, Essen, Nov 1959,
pp 641-648.

TT 62-14198

BISI 1654

(L5.10s.01.)

114,309

Sci - Min/Mat
Apr 60

Diffusion and Passage of Hydrogen in Pure
Iron and Steel at Higher Temperatures, by
Hermann Schenck. GOVERNMENT USE ONLY
GERMAN, per, Arch Eisenh, Vol 30, No 11,
1959, pp 661-671.
NASA TT F-12,120

Hermann Schenck

Sci-Chem
Aug 69

586,718

The Sulphur Equilibrium Between Carbon-Saturated
Hot Metal and Lime-Silica Slags, by H. Schenck,
et al.

GERMAN, per, Archiv Eisenhüttenwesen, Jan 1960,
pp 11-17.

BISI 1641

Sci - Min/Met

122,439

Aug 60

The Effect of Heating Conditions and Alloy
Composition on the Internal Oxidation of Iron
Alloys, by E. Schenck, E. Schmidtman, E. Muller.

GERMAN, per, Archiv fuer Eisenhuettenwesen, Vol XXXI,
Feb 1960, pp 121-128.

BISI 2675

sci - min/metals

196,168

May 62

list 133

Petrographic Factors Affecting the Reducibility
of Iron Ores: An Attempt at Parallelization, by
H. Schenk, A. Konigs.

GERMAN, per, Archiv Eisenhüttenwesen, Apr 1960,
pp 201-213.

BISI 1817

Sci - Min/Met

Dec 60

134, 583

Kinetics of Indirect Reduction, by R. Schenck,
H P. Schulz.

GERMAN, per, Archiv fuer Eisenhuettenwesen,
Vol XXXI, Dec 1960, pp 691-702.

ISI 2635

Sci - Engr

Dec 62

list 158

217,311

Investigations on the Activity of Carbon in
Crystallized Binary and Ternary Iron-Carbon
Alloys, by H. Schenck, H. Kaiser.

GERMAN, per, Archiv Eisenhüttenwesen, Apr 1960,
pp 227-235.

BISI 1779

Sci - Chem

Sep 60

124,963

Investigation of Iron Ores by Means of Differential
Thermo-Analysis, by H. Schenck, et al.

GERMAN, per, Archiv Eisenhüttenwesen, Vol XXI,
Aug 1960, pp 451-458.

BISI 1959

Sci - Min/Met

May 61

150,848

Equilibrium of Sulphur Reaction Between Liquid,
Carbon-Saturated Iron and Lime-Silica-Alumina
Slags, by H. Schenck, et al.

GERMAN, per, Archiv Eisenhüttenwesen, Aug 1960,
pp 471, 472.

BISI 1893

Sci - Min/Met

Oct 60

130,694

The Viscosity of Ferrous Oxide Within the Temperature
Range From 1200 to 1450°C, by H. Schenck,
M. G. Hochberg.

GERMAN, per, Archiv fuer Eisenhuettenwesen,
Vol XXXII, No 3, 1961, pp 521-523.

ENSI 3005

214, 465'

Sci - Chem
Mar 63

Investigations of the Distillation of Metallic
Elements From Liquid Iron Under Reduced Pressure,
by H. Schenck, H. H. Domalski.

GERMAN, per, Archiv fuer Eisenhuettenwesen, Vol XXXII,
Nov 1961, pp 753-760.

BISI 2597

Sci - Chem

204, 673

Jul 62

list 140

The Equilibrium Solubility of Hydrogen in Pure
Liquid Nickel and Iron, and the Influence of
Oxygen in the Iron, by H. Schenck, H. Wunsch.

GERMAN, per, Archiv fuer Eisenhuettenwesen,
Vol XXXII, Nov 1961, pp 779-790.

BISI 2668

Sci - M/m

Jan 63

list 159

214.270

Prevention of Caking of Fluidized Beds in the
Reduction of Iron Ores, by H. Schenck, et al.

GERMAN, per, Archiv fuer Eisenhuettenwesen,
Vol XXXIII, No 4, Jul 1962, pp 211-216.

HB 5636

Sci - Chem

204, 158

Jul 62

Contribution to the Activity of Carbon in Liquid
Iron Alloys, Parts I, II, by H. Schenck, et al.

GERMAN, per, Archiv fuer Eisenhuettenwesen,
Vol XXXIII, No 4, Aug 1962, pp 223-232.

HB 5637

Sci - Chem

Jul 62

204, 159

Calculation of the Activities of Carbon and
Aluminum in the Iron-Carbon-Aluminum System
at 1600°C Using a Digital Computer Part II,
by H. Schenk.

GERMAN, per, Archiv Eisenhüttenwesen, Vol. XXXIII,
No 4, 1962, pp 229-232.

IB 5584

Sci-Min/Met
Jan 63

219,987

Removal of Copper From Pig Iron and Lead by
the Use of Sodium Sulfide Slags, by H. Schenck,
G. Perbix.

GERMAN, FER, Archiv Eisenhüttenwesen, Vol. XXXIII,
No 7, 1962, pp 417-420.

HB 5708

Sci-Min/Met
Jan 63

220,028

Equilibrium in the Reaction of Sulphur Between
Molten Carbon-Saturated Iron and Lime-Silica-
Alumina-Magnesia Slags & at 1550°C, by H. Schenck,
M. Froberg.

GERMAN, per, Archiv fur Eisenhuettenwesen, Vol XXXIII,
Sep, 1962, pp 589-591.

BIBI 3145

Sci - Phys
Jul 63

237,731

47
Studies on the Diffusion Absorption by Liquids
from Alloys at Pressures up to Four Atmos. by
H. Schuch, M. G. Fröhberg, et al.
ZITTEL, J. Archiv für Eisenhüttenwesen,
Vol XXXIII, No 9, 1962, pp 593-600.
HD 5791

Sci-24 & M
June 64

262,772

Shift of Economic Aspects by New Technical
Developments - Elucidated by the Example of
Iron and Steel Production, by H. Schenck

GERMAN, per, Stahl und Eisen, H6MNo 21, 1962,
pp 1405-1410.

CRL/T. 1248

Sci-M/M

Oct 63

240,150

Measurement of the Viscosity of Molten Metals at
High Temperatures, by H. Schenck, C. Froberg.

GERMAN, per, Archiv fur Eisenhüttenwesen, Vol. XXXIV,
No 2, 1963, pp 93-100.

BIBI 3248

Sci - M/M
Aug 63

342,183

Derivation of Equations to Determine the Extent of
Chemical Compositions Between Liquid Phases in
the State of Rest and in the Mobile State, by
H. Schenk, R. Schenker
GERMANY, per, Archiv für Biochemie,
Vol XLIV, No 11, 1962, pp 671-672.
NCH 3520

29

SECRET - China
Jun 64

360,262

The System $Mo(-Fe)-Ni(-Al)$ and Its
 Partition Equilibria with Molten
 Manganese with Respect to Fe-Ni Alloys,
 by H. Schenck, H. C. Fraiberg, et al.
 (1964), per, Arch. Eisenh., Vol 35,
 Apr 1964, pp 269-277.
 NISI 4019

64

~~File~~ H. Schenck

~~Sci/NSA~~

Sci/NSA NRC - C-5579
 Sep 65

Nati Research Council 280,260

9 Carleton, Ottawa, Ontario

The Cause of the Formation of Flakes in Steel, by
H. Benzek, H. Schenck, H. Muller.

GERMAN, per, Stahl und Eisen, Vol LV, 1935.

Brutcher Tr 175

Scientific - Min/Metals

\$12.10

12,696

Experiments on the Reduction of Iron Ores, by
H. Schenck.

GERMAN, per, Stahl und Eisen, Vol LXXV,
2 Jun 1955, pp 682-690.

BISI 1874

Sci - Engr

Mar 62

list 122

183, 492

Review of the German Iron and Steel Industry
and Its Research Tasks, by H. Schenck. UBICK.

GERMAN, ver, Stahl u Eisen, No 21, 20 Oct 1955,
pp 1358-1361.

British Iron and Steel Ind
(no number given)

EEur - Germany
Econ
Sep 59

98,380

Effect of Segregation, Cold-Working, and Ageing
on Notched-Bar Impact Strength of Structural
Steels, by H. Schenk, E. Schmidtman. URCL.

GERMAN, per, Stahl u Eisen, 13 Jun 1957,
pp 784-791.

British Iron and Steel Ind
(no number given)

Sci - Min/Met
Sep 59

98,381

Dephosphorization of Basic Converter Steel to
Very Low Contents of Phosphorus, by Kosmider,
Schenck.

GERMAN, *sánimo per*, Stahl und Eisen, Vol LXXVII,
Jul 11 1957, pp 917-926.

Co-op Tr Sch Tr 637
(5.0.0)

Sci - Min/met
Jan 58

57,710

SCHENCK, H.

Stahl Und Eisen, vol. 53, pp. 1049-1052, 5 figs.,
1 table, 8 refs., 2200 words; 1933.

Method for Rapid Indirect Determination of
Iron Oxide Dissolved in Open Hearth Bath.

Brutcher Trans., Order No. 45, \$2.20

A-10467

Anticipation of Dephosphorization Before Decarburization During Refining of Pig Iron by Pure Oxygen, by H. Kosmider, H. Neuhaus, H. Schenck.

GERMAN, *semimo per*, *Stahl und Eisen*, Vol LXXVII, 19 Sep 1957, pp 1277-1283.

Co-op Tr Sch Tr 709

Sci - Min/met
Jan 58

57,768

CONSTITUTION OF THE FRENCH REPUBLIC
by H. SCHENK, H. SCHENK.
Paris, par. 1000-1070, Vol 78, 30 Nov
1954, pp 1000-1070.
1000 1070

H. Schenk

10-1070
1000/1070
1000 1070

1000, 1070

The Burning of Coke, by H. Schenck, et al.

GERMAN, per, Stahl und Eisen, Vol LXXIX, 24 Dec
1939, pp 1933-1938.

BISI 1751

Sci - Min/Met

May 61

~~TT 61-12558~~
TT 61-12558
148,110

Investigation of Effect of Gas Upon the Reduction
of Iron Oxides, by H. Schenck, J. Cloth.

GERMAN, per, Stahl und Eisen, No 22, 27 Oct 1960,
pp 1453-1457.

BISI 4962

Sci - Chem

Mar 61

141,353

Investigations of the Decomposition Rate of Carbon
Monoxide in the Blast Furnace, by H. Schenck, H.
Barth.

GERMAN, per, Stahl und Eisen, Vol LXXX, 10 Nov
1960, pp 1681-1699.

BISI 1985

Sci - Chem

JT 61-12722
148,109

May 61

Reactions in Rotary Steelmaking Vessels With Oxygen
Top Blowing, Part I, by P. E. Hardt, G. Vocke,
H. Schenk.

GERMAN, per, Stahl und Eisen, Vol LXXI, No 3,
1961, pp 155-163.

HB 5088

Sci - Min/Metals

164,312

Aug 61

Reactions in Rotary Steelmaking Vessels With Oxygen
Top Blowing, by P. E. Harót, G. Vocke, K. Schenck.
(Part II)

GERMAN, per, Stahl und Eisen, Vol LXXXI, No 5, 1961,
pp 311-320.

HB 5109

Sci - Engr

170,118

Sep 61